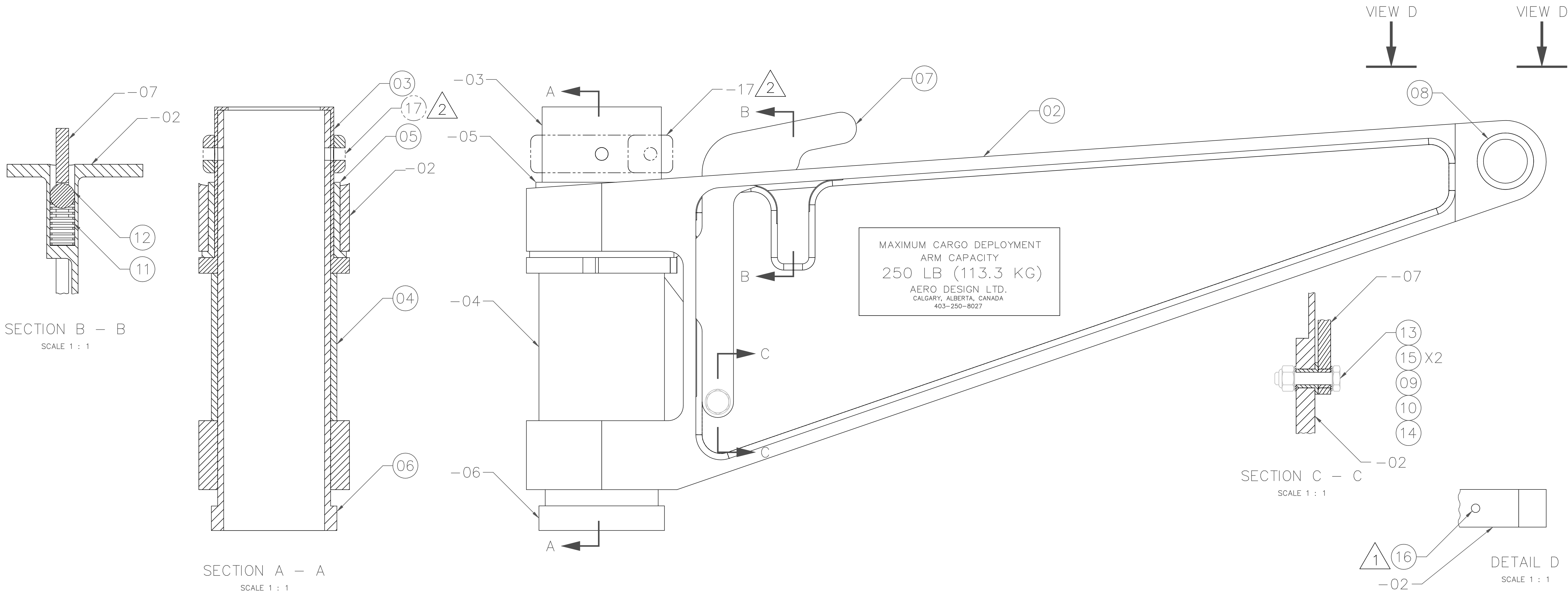


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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE	RR	22/04/08
1	ADDED BRACKET 80120	RR	27/04/08
2	PLACARD SHOWN	RR	23/06/08



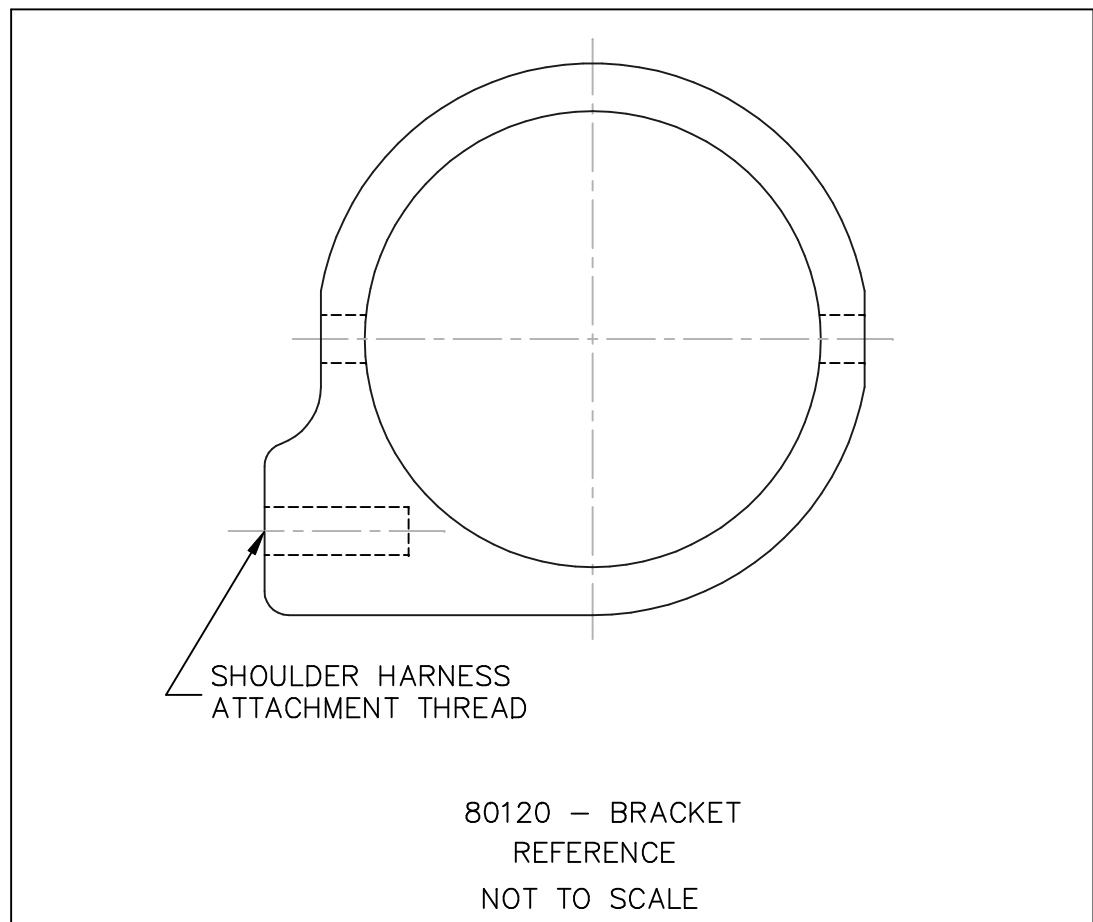
NOTES

- 1 INSERT ITEM 16 (ROLL PIN) AFTER ITEM 08 (BUSHING) IN INSTALLED.
- 2 ITEM 17 (BRACKET) IS OPTIONAL FOR INSTALLATION OF ALPINE AEROTECH LTD SHOULDER HARNESS KIT (SH99-220).
SHOULDER HARNESS ATTACHMENT THREADS MUST BE AFT AND INBOARD WHEN THE CARGO DEPLOYMENT ARM IS INSTALLED IN THE HELICOPTER.

TORQUE VALUE CHART (DRY) FOR ALL FASTENERS

FASTENER DIAMETER/THREAD SIZE	RECOMMENDED STANDARD TORQUE RANGE
1/4 - 28	50 TO 70 IN-LB

NOTE: THE ABOVE VALUES APPLY TO ANY FASTENER COMBINATION UNLESS OTHERWISE SPECIFIED. TARE TORQUE MUST BE ADDED TO ALL TORQUE VALUES.



QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL/VENDOR	MATERIAL SPEC	STOCK SIZE
1	80120-01	17	BRACKET (OPTIONAL)			
1		16	Ø 3/16 X 1.25 ROLL PIN			
2	AN960-416	15	WASHER			
1	MS20365-428	14	LOCK NUT			
1	AN4-10A	13	BOLT			
1		12	Ø 0.5 BALL BEARING	STEEL		
1	24704	11	Ø 0.5 X 0.041 X 1.5 SPRING	DYNALINE		
1	79237-02	10	BUSHING			
1	79237-01	09	BUSHING			
1	79236-01	08	BUSHING			
1	79235-01	07	LOCK LEAVER			
1	79234-01	06	SLEEVE			
1	79233-01	05	BUSHING			
1	79232-01	04	COVER			
1	79231-01	03	BEARING SLEEVE			
1	79230-01	02	CARGO DEPLOYMENT ARM			
1	79220-01	01	CARGO ARM ASSEMBLY			
LIST OF MATERIALS						
APPROVALS			DATE			
DRAWN: R. RATHWELL			22/04/08			
CHECKED: E. BURGOIN						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:						
DECIMALS			ANGLES			
X.XXX ±0.010			±1/2°			
X.XX ±0.03						
X.X ±0.1						
AERO DESIGN LTD.			BELL 212, 412, 205A-1, 205B CARGO DEPLOYMENT ARM CARGO ARM ASSEMBLY			
CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 www.aerodesign.ca						
SCALE 1 : 1			DWG. SIZE	DWG. NO.	REV.	
SHEET 1 OF 1			A1	79220	2	